

Amendments to the Claims:

The following listing of the claims will replace all prior versions and listings of claims in the application.

Listing of claims:

Claims 1-21 (Canceled).

Claim 22. (Previously presented) A method of operating a communication system, the method comprising:

- sending, by a first terminal via a communication link, a message requesting routing of a call from the first terminal to a second terminal;
- receiving, by the first terminal via the communication link, a message comprising call routing information identifying call routes through a network;
- selecting, at the first terminal, a call route based upon the call routing information, the selecting comprising providing a user of the first terminal with call routing options using the call routing information, and receiving from the user of the first terminal an indication of a selected call route; and
- transmitting, by the first terminal via the communication link, a message requesting setup of the call from the first terminal to the second terminal using the selected call route.

Claim 23. (Currently amended) The method of claim [[22]] 22, wherein the call is a voice call.

Claim 24. (Cancelled).

Claim 25. (Currently amended) The method of claim [[22]] 22, wherein the communication link is a wireless link.

Claim 26. (Currently amended) The method of claim [[25]] 25, wherein the wireless link communicates using a frequency of approximately 2.4 gigahertz.

Claim 27. (Currently amended) The method of claim [[25]] 25, wherein the wireless link communicates using a frequency hopping spread spectrum technique.

Claim 28. (Currently amended) The method of claim [[22]] 22, wherein the communication link uses a packet protocol.

Claim 29. (Currently amended) The method of claim [[28]] 28, wherein the packet protocol is an Internet protocol.

Claim 30. (Currently amended) The method of claim [[22]] 22, wherein the message requesting routing of a call comprises at least a destination identifier.

Claim 31. (Currently amended) The method of claim [[30]] 30, wherein the destination identifier comprises a telephone number.

Claim 32. (Currently amended) The method of claim [[22]] 22, wherein the call routing information comprises a cost of use of a communication link.

Claim 33. (Currently amended) The method of claim [[22]] 22, wherein the message requesting setup of the call comprises at least a destination identifier.

Claim 34. (Currently amended) The method of claim [[33]] 33, wherein the destination identifier comprises a telephone number.

Claim 35. (Currently amended) The method of claim [[22]] 22, further comprising:
receiving, at the first terminal via the communication link, a message indicating call status.

Claim 36. (Currently amended) The method of claim [[35]] 35, wherein the call status represents one of a destination busy condition, a destination ringing condition, and a connection established condition.

Claim 37. (Currently amended) The method of claim [[22]] 22, further comprising:

communicating information, by the first terminal to the second terminal via the communication link, if call status indicating establishment of a connection is received by the first terminal; and

refraining from communicating information, by the first terminal to the second terminal via the communication link, if call status indicating establishment of a connection is not received by the first terminal.

Claim 38. (Previously presented) A method for operating a communication system, the method comprising:

receiving, from a first terminal via a first communication link, a message requesting routing of a call to a second terminal;

selecting a second communication link based upon at least the message requesting routing of the call;

receiving via the second communication link a message comprising call routing information;

sending, to the first terminal via the first communication link, call routing information identifying one or more call routes through a network;

accepting, from the first terminal via the first communication link, a message requesting setup of the call and a selected call route;

transmitting, to the first terminal via the first communication link, a message based upon the call routing information; and

establishing call communication between the first terminal and the second terminal via the first communication link and the second communication link based upon the message requesting setup of the call and the selected call route.

Claim 39. (Currently amended) The method of claim ~~[[38]]~~ 38, wherein the call is a voice call.

Claim 40. (Cancelled).

Claim 41. (Currently amended) The method of claim [[38]] 38, wherein the first communication link is a wireless link.

Claim 42. (Currently amended) The method of claim [[41]] 41, wherein the wireless link communicates using a frequency of approximately 2.4 gigahertz.

Claim 43. (Currently amended) The method of claim [[41]] 41, wherein the wireless link communicates using a frequency hopping spread spectrum technique.

Claim 44. (Currently amended) The method of claim [[38]] 38, wherein the first communication link uses a packet protocol.

Claim 45. (Currently amended) The method of claim [[44]] 44, wherein the packet protocol is an Internet protocol.

Claim 46. (Currently amended) The method of claim [[38]] 38, wherein the second communication link is a wired communication link.

Claim 47. (Currently amended) The method of claim [[46]] 46, wherein the wired communication link comprises a link to a conventional telephone switching network.

Claim 48. (Currently amended) The method of claim [[46]] 46, wherein the wired communication link is an analog communication link.

Claim 49. (Currently amended) The method of claim [[38]] 38, wherein the message requesting routing of a call comprises at least a destination identifier.

Claim 50. (Currently amended) The method of claim [[49]] 49, wherein the destination identifier comprises a telephone number.

Claim 51. (Currently amended) The method of claim [[40]] 40, wherein the call routing information comprises at least a cost of use of a communication link.

Claim 52. (Currently amended) The method of claim [[38]] 38, wherein the message requesting setup of the call comprises at least a destination identifier.

Claim 53. (Currently amended) The method of claim [[52]] 52, wherein the destination identifier comprises a telephone number.

Claim 54. (Currently amended) The method of claim [[38]] 38, further comprising:
receiving via the second communication link a message indicating call status.

Claim 55. (Currently amended) The method of claim [[54]] 54, wherein the call status is one of busy, ringing, and connect.

Claim 56. (Currently amended) The method of claim [[38]] 38, wherein the establishing comprises converting analog representations of voice signals to digital representations of voice signals, and converting digital representations of voice signals to analog representations of voice signals.

Claim 57. (Currently amended) The method of claim [[56]] 56, wherein the converting digital representations of voice signals to analog representations of voice signals comprises buffering the digital representations for a period of time in order to minimize gaps in the resulting analog representation caused by changes in a propagation delay.

Claim 58. (Previously presented) A method of operating a communication system, the method comprising:

under the control of a first device,

sending via a wireless packet communication link a message
requesting routing of a call through a network to a third device;

receiving via the wireless packet communication link call routing
information identifying one or more call routes to the third device;

providing a user with call routing options using the call routing
information;

receiving from the user an indication of a selected call route;
sending via the wireless packet communication link a message requesting setup of a call to the third device using [[a]] the route selected from the identified call routes;

receiving via the wireless packet communication link a message indicating call status;

communicating digitized voice information to the third device via the wireless packet communication link, if call status indicating establishment of a connection is received; and

refraining from communicating digitized voice information via the wireless packet communication link, if call status indicating establishment of a connection is not received, and

under the control of a second device,

receiving, from the first device via the wireless packet communication link, a message requesting setup of the call;

sending via a wired communication link signals requesting setup of the call;

receiving via the wired communication link signals representing call status;

sending, to the first device via the wireless packet communication link, a message indicating call status;

establishing call communication between the wireless packet communication link and the wired communication link, if call status indicating establishment of a connection is received; and

refraining from establishing call communication between the wireless packet communication link and the wired communication link, if call status indicating establishment of a connection is not received.

Claim 59. (Currently amended) The method of claim [[58]] 58, wherein the call communication comprises converting analog representations of voice signals to digital

representations of voice signals, and converting digital representations of voice signals to analog representations of voice signals.

Claim 60. (Currently amended) The method of claim [[59]] 59, wherein the converting digital representations of voice signals to analog representations of voice signals comprises buffering the digital representations for a period of time in order to minimize gaps in the resulting analog representation caused by changes in a propagation delay.

Claim 61. (Currently amended) The method of claim [[58]] 58, wherein the wireless communication link operates at a frequency of approximately 2.4 gigahertz.

Claim 62. (Currently amended) The method of claim [[58]] 58, wherein the wired communication link comprises a link to a conventional telephone switching network.

Claim 63. (Currently amended) The method of claim [[58]] 58, wherein the wireless packet communication link uses an Internet protocol (IP).

Claim 64. (Currently amended) The method of claim [[63]] 63, wherein the Internet protocol is the transmission control protocol (TCP)/Internet protocol (IP).

Claim 65. (Previously presented) At least one circuit for use in a communication device, the at least one circuit operational to, at least:

send, by the communication device via a communication link, a message requesting routing of a call from the communication device to a second communication device;

receive, by the communication device via the communication link, a message comprising call routing information identifying one or more call routes through a network;

select, at the communication device, a call route based upon the call routing information by providing a user with call routing options using the call

routing information and receiving from the user an indication of a selected call route; and

transmit, by the communication device via the communication link, a message requesting setup of the call from the communication device to the second communication device using the selected call route.

Claim 66. (Currently amended) The at least one circuit of claim 65, ~~where~~ wherein the call is a voice call.

Claim 67. (Cancelled)

Claim 68. (Currently amended) The at least one circuit of claim 65, ~~where~~ wherein the communication link is a wireless link.

Claim 69. (Currently amended) The at least one circuit of claim 68, ~~where~~ wherein the wireless link communicates using a frequency of approximately 2.4 gigahertz.

Claim 70. (Currently amended) The at least one circuit of claim 68, ~~where~~ wherein the wireless link communicates using a frequency hopping spread spectrum technique.

Claim 71. (Currently amended) The at least one circuit of claim 65, ~~where~~ wherein the communication link uses a packet protocol.

Claim 72. (Currently amended) The at least one circuit of claim 71, ~~where~~ wherein the packet protocol is an Internet protocol.

Claim 73. (Currently amended) The at least one circuit of claim 65, ~~where~~ wherein the message requesting routing of a call comprises at least a destination identifier.

Claim 74. (Currently amended) The at least one circuit of claim 73, ~~where~~ wherein the destination identifier comprises a telephone number.

Claim 75. (Currently amended) The at least one circuit of claim 65, ~~where~~ wherein the call routing information comprises a cost of use of a communication link.

Claim 76. (Currently amended) The at least one circuit of claim 65, where wherein the message requesting setup of a call comprises at least a destination identifier.

Claim 77. (Currently amended) The at least one circuit of claim 76, where wherein the destination identifier comprises a telephone number.

Claim 78. (Previously presented) The at least one circuit of claim 65, wherein the at least one circuit is further operational to, at least, receive via the communication link a message indicating call status.

Claim 79. (Currently amended) The at least one circuit of claim 78, where wherein the call status represents one of a destination busy condition, a destination ringing condition, and a connection established condition.

Claim 80. (Previously presented) The at least one circuit of claim 65, wherein the at least one circuit is further operational to, at least:

communicate information, by the communication device to the second communication device via the communication link, if call status indicating establishment of a connection is received by the communication device; and
refrain from communicating information, by the communication device to the second communication device via the communication link, if call status indicating establishment of a connection is not received by the communication device.

Claim 81. (Currently amended) The at least one circuit of claim 65, where wherein the communication device is a portable communication device.

Claim 82. (Previously presented) A method for operating at least one circuit for use in a communication device, the method comprising:

sending, from the communication device to a communication system via a first communication link, a first message requesting call routing information identifying call routes for routing of a call from the communication device to a

second communication device through a network, where the first message comprises information to cause the communication system to send to the communication device the call routes used to select a second communication link;

receiving, by the communication device from the communication system via the first communication link, a message based upon call routing information received by the communication system over the second communication link; and

sending, from the communication device to the communication system via the first communication link, a second message requesting setup of the call according to a selected one of the identified call routes, where the second message comprises information to cause the communication system to establish call communication between the communication device and the second communication device using the first communication link and the second communication link.

Claim 83. (Currently amended) The method of claim 82, ~~where~~ wherein the call is a voice call.

Claim 84. (Cancelled)

Claim 85. (Currently amended) The method of claim 82, ~~where~~ wherein the first communication link is a wireless link.

Claim 86. (Currently amended) The method of claim 85, ~~where~~ wherein the wireless link communicates using a frequency of approximately 2.4 gigahertz.

Claim 87. (Currently amended) The method of claim 85, ~~where~~ wherein the wireless link communicates using a frequency hopping spread spectrum technique.

Claim 88. (Currently amended) The method of claim 82, ~~where~~ wherein the first communication link uses a packet protocol.

Claim 89. (Currently amended) The method of claim 88, ~~where~~ wherein the packet protocol is an Internet protocol.

Claim 90. (Currently amended) The method of claim 82, ~~where~~ wherein the second communication link is a wired communication link.

Claim 91. (Currently amended) The method of claim 90, ~~where~~ wherein the wired communication link comprises a link to a conventional telephone switching network.

Claim 92. (Currently amended) The method of claim 90, ~~where~~ wherein the wired communication link is an analog communication link.

Claim 93. (Currently amended) The method of claim 82, ~~where~~ wherein the first message requesting routing of a call comprises at least a destination identifier.

Claim 94. (Currently amended) The method of claim 93, ~~where~~ wherein the destination identifier comprises a telephone number.

Claim 95. (Currently amended) The method of claim 84, ~~where~~ wherein the call routing information comprises at least a cost of use of a communication link.

Claim 96. (Currently amended) The method of claim 82, ~~where~~ wherein the second message requesting setup of a call comprises at least a destination identifier.

Claim 97. (Currently amended) The method of claim 96, ~~where~~ wherein the destination identifier comprises a telephone number.

Claim 98. (Currently amended) The method of claim 82, further comprising receiving a message at the communication device from the communication system via the first communication link, ~~where~~ wherein the message is indicative of a call status message received by the communication system via the second communication link.

Claim 99. (Currently amended) The method of claim 98, ~~where~~ wherein the call status is one of busy, ringing, and connect.

Claim 100. (Currently amended) The method of claim 82, ~~where~~ wherein the second message comprises information to cause the communication system to establish call communication between the first communication link and the second communication link by, at least in part, converting analog representations of voice signals to digital representations of voice signals and converting digital representations of voice signals to analog representations of voice signals.

Claim 101. (Currently amended) The method of claim 100, ~~where~~ wherein converting digital representations of voice signals to analog representations of voice signals comprises buffering the digital representations for a period of time to minimize gaps in the resulting analog representation caused by changes in propagation delay.

Claim 102. (Previously presented) At least one circuit for use in a communication device, the at least one circuit operational to, at least:

send, from the communication device to a communication system via a first communication link, a first message requesting call routing information identifying call routes for routing of a call from the communication device to a second communication device through a network, where the first message comprises information to cause the communication system to send to the communication device the call routes used to select a second communication link;

receive, by the communication device from the communication system via the first communication link, a message based upon call routing information received by the communication system over the second communication link; and

send, from the communication device to the communication system via the first communication link, a second message requesting setup of the call according to a selected one of the identified call routes, where the second message comprises information to cause the communication system to establish call communication between the communication device and the second

communication device using the first communication link and the second communication link.

Claim 103. (Currently amended) The at least one circuit of claim 102, ~~where~~ wherein the call is a voice call.

Claim 104. (Cancelled).

Claim 105. (Currently amended) The at least one circuit of claim 102, ~~where~~ wherein the first communication link is a wireless link.

Claim 106. (Currently amended) The at least one circuit of claim 105, ~~where~~ wherein the wireless link communicates using a frequency of approximately 2.4 gigahertz.

Claim 107. (Currently amended) The at least one circuit of claim 105, ~~where~~ wherein the wireless link communicates using a frequency hopping spread spectrum technique.

Claim 108. (Currently amended) The at least one circuit of claim 102, ~~where~~ wherein the first communication link uses a packet protocol.

Claim 109. (Currently amended) The at least one circuit of claim 108, ~~where~~ wherein the packet protocol is an Internet protocol.

Claim 110. (Currently amended) The at least one circuit of claim 102, ~~where~~ wherein the second communication link is a wired communication link.

Claim 111. (Currently amended) The at least one circuit of claim 110, ~~where~~ wherein the wired communication link comprises a link to a conventional telephone switching network.

Claim 112. (Currently amended) The at least one circuit of claim 110, ~~where~~ wherein the wired communication link is an analog communication link.

Claim 113. (Currently amended) The at least one circuit of claim 102, ~~where~~ wherein the first message requesting routing of a call comprises at least a destination identifier.

Claim 114. (Currently amended) The at least one circuit of claim 113, ~~where~~ wherein the destination identifier comprises a telephone number.

Claim 115. (Currently amended) The at least one circuit of claim 104, ~~where~~ wherein the call routing information comprises at least a cost of use of a communication link.

Claim 116. (Currently amended) The at least one circuit of claim 102, ~~where~~ wherein the second message requesting setup of the call comprises at least a destination identifier.

Claim 117. (Currently amended) The at least one circuit of claim 116, ~~where~~ wherein the destination identifier comprises a telephone number.

Claim 118. (Previously presented) The at least one circuit of claim 102, wherein the at least one circuit is further operational to, at least, receive a message at the communication device from the communication system via the first communication link, where the message is indicative of a call status message received by the communication system via the second communication link.

Claim 119. (Currently amended) The at least one circuit of claim 118, ~~where~~ wherein the call status is one of busy, ringing, and connect.

Claim 120. (Currently amended) The at least one circuit of claim 102, ~~where~~ wherein the second message comprises information to cause the communication system to establish call communication between the first communication link and the second communication link by, at least in part converting analog representations of voice signals to digital representations of voice signals and converting digital representations of voice signals to analog representations of voice signals.

Claim 121. (Currently amended) The at least one circuit of claim 120, ~~where~~ wherein converting digital representations of voice signals to analog representations of voice signals comprises buffering the digital representations for a period of time to minimize gaps in the resulting analog representation caused by changes in propagation delay.